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U. S. Department of Agriculture



Brown

Vegetable Seed Trials

O. N. Shoemaker



Contract Growers
of

**BEANS,
PEAS,
GARDEN
SEEDS**

**Alfred J.
Brown Seed Co.**
Grand Rapids, Mich.

MEMBER:

*American Seed Trade Assoc.
Southern Seedsmen Assoc.*





To The Trade

The Alfred J. Brown Seed Company has been producing Pea and Bean Seed for the wholesale trade for the past forty-five years. With our experience and equipment we are furnishing seed of quality to satisfied customers in thirty-two states, Canada, and Europe. We produce our seed in territories which we believe most ideal for the purpose.

The location of our warehouses, where the seed is prepared for shipment, enables us to render valuable service to the trade.

With experienced men in charge of operations, trial grounds and modern equipment, we solicit your patronage and business.

We have endeavored in this booklet to furnish you with a description of Peas and Beans which we grow. It should enable you to determine the varieties best suited for your trade. It is with this in mind that we present you with this copy, with our compliments.



E. L. KINSEY
President



W. H. SACK
Secretary-Treasurer



L. S. MARKLEY
Manager
Contract Department



W. R. AMON
Manager
Garden Seed Department



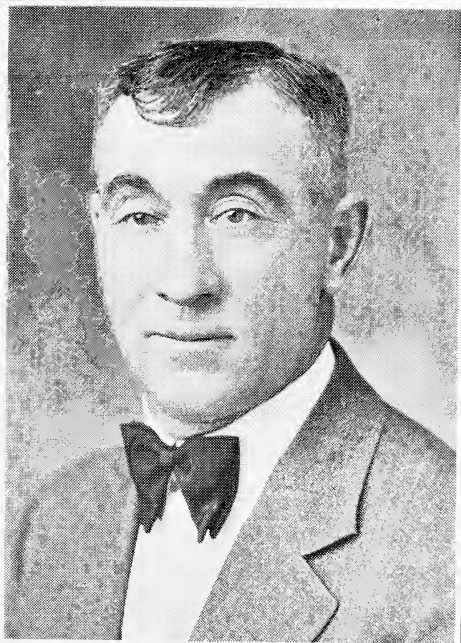
GEORGE S. BROWN
Field Superintendent



H. TEN HOPEN
*Manager
Credit Department*



N. O. HALL
Branch Manager
Twin Falls, Idaho

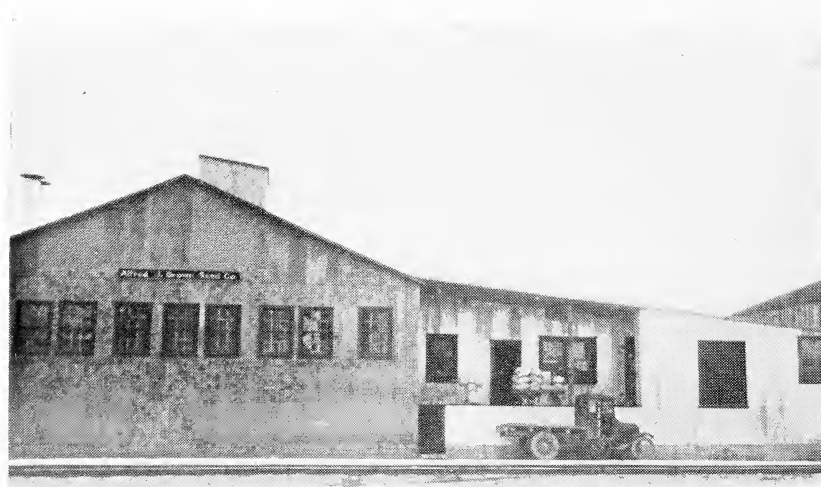


V. H. WICKHAM
Branch Manager
Idaho Falls, Idaho

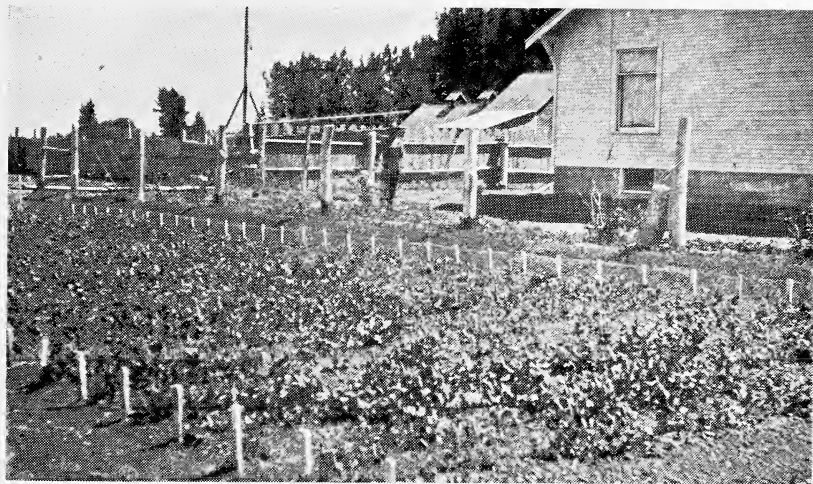
ALFRED J. BROWN SEED COMPANY



Main Office and Warehouse



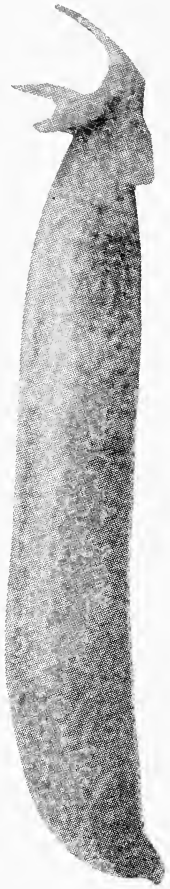
Branch Warehouse, Twin Falls, Idaho



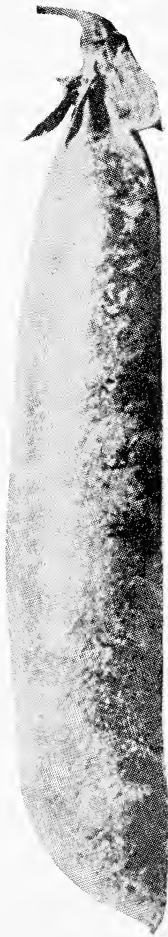
Row Trials of Peas, Idaho Falls, Idaho



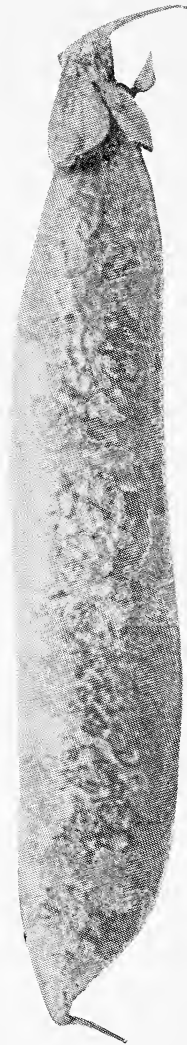
Field of Growing Beans in Idaho



Telephone



Stratagem



Alderman



*Nott's
Excelsior*



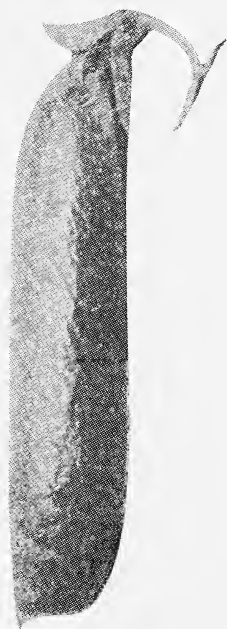
Extra Early



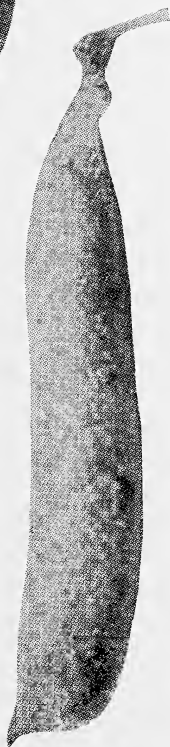
*Ameer or
Clandet*



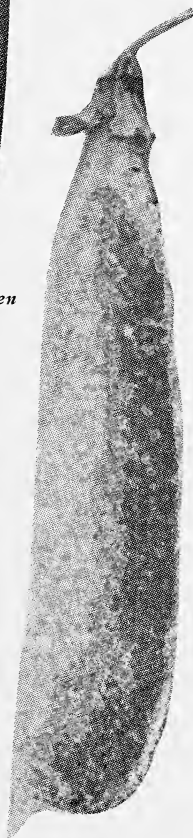
*Horsefords
Market Garden*



*Thomas
Laxton*



Everbearing



*White
Marrowfat*



*First and
Best*



GARDEN PEAS

The following described varieties of peas are classed as early and extra early dwarf varieties, and are listed alphabetically by name:

AMERICAN WONDER

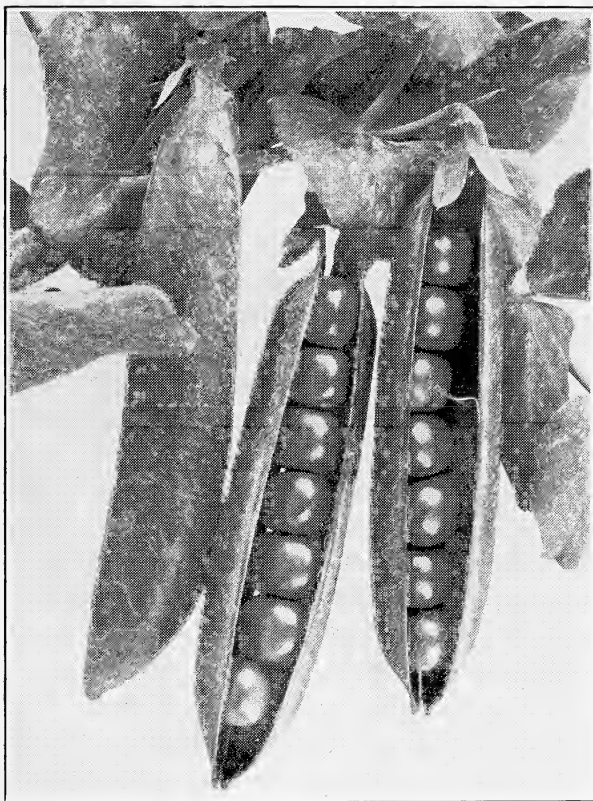
- Use:* For home gardening.
Vine: 15 in. Dark green, stout.
Pods: 2½ in. Medium green, blunt end, single.
Season: 60 days from planting to table.
Seed: Medium green, almost square, wrinkled.
Remarks: An early pea, very popular for home gardens. A good yielder.

BLUE BANTAM

- Use:* For market and home gardening.
Vine: 24 in., medium dark.
Pods: 4 in., broad, straight.
Season: 65 days from planting to table.
Seed: Yellow and green, wrinkled.
Remarks: A large podded dwarf variety of the Laxtonian type. Peas are of excellent quality. Pods contain eight peas of dark green color.

HUNDREDFOLD

- Use:* For market and home gardening.
Vine: 16 in., sturdy, dark green.
Pods: 4 in., dark green, fairly broad and pointed.
Season: 57 days from planting to table.
Seed: Wrinkled, dark green and yellow.
Remarks: Large podded dwarf variety of the Laxtonian type. A very popular pea. Pods contain eight large dark green peas.



Laxtonian

LAXTONIAN

- Use:* For market and home gardening.
- Vine:* 16-18 in., medium green.
- Pods:* 4 in., broad, long, pointed, dark green color.
- Season:* 57 days from planting to table.
- Seed:* Large, wrinkled, flat, yellow and green.
- Remarks:* A large podded variety a little earlier than the Gradus. Pods contain 6 to 8 dark green peas.



LAXTON'S SUPERB

- Use:* Market gardening.
Vine: 18 in. Foliage medium green.
Pods: $3\frac{3}{4}$ in. Semi-broad, medium green, large pointed pods. Fair quality.
Season: 57 days from planting to table.
Seed: Dark green. Semi-wrinkled.
Remarks: This pea used by gardeners for an extra early planting.

LAXTON PROGRESS

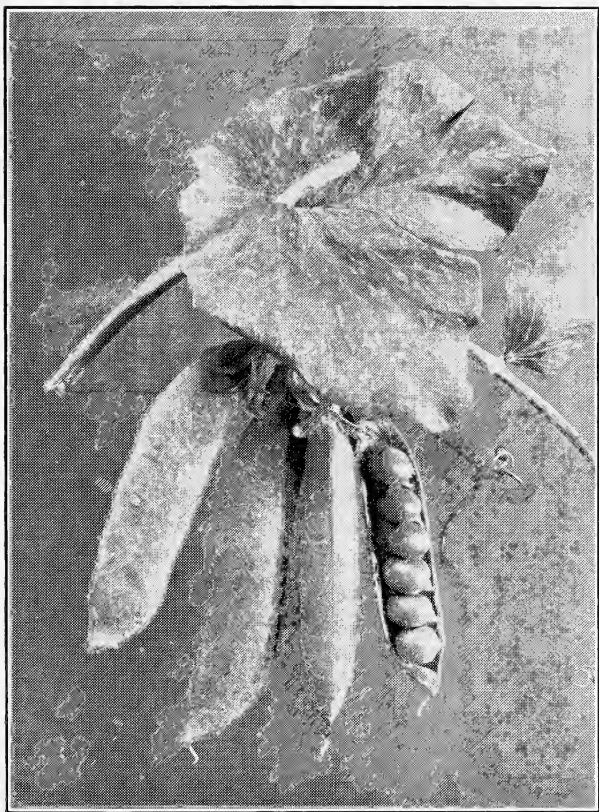
- Use:* For market and home gardening.
Vine: 16 in. Medium green, stocky.
Pods: 4 in. Long, broad, pointed, dark green color.
Season: 60 days from planting to table.
Seed: Yellow and green in color, wrinkled.
Remarks: One of the earliest large podded, dwarf sweet pea. Excellent for table use.

PETER PAN

- Use:* Home and market gardening.
Vine: 15 in. Light green, medium green foliage. Stout vine.
Pods: $3\frac{3}{4}$ in. Dark green, broad, straight, pointed. Single pods.
Season: 60 days from planting to table.
Seed: Large, yellow and green, wrinkled.
Remarks: Belongs to Laxtonian type. One of best large podded dwarf varieties. Six to eight peas to pod.

PIONEER (SUTTON'S)

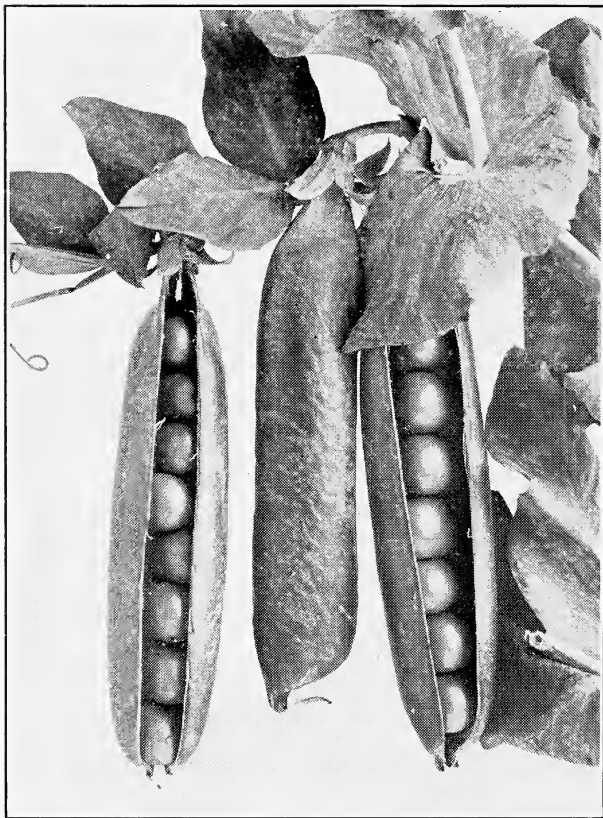
- Use:* Home and market gardening.
Vine: 16 in. Medium green, stocky.
Pods: $3\frac{1}{2}$ in. Long, dark green, medium broad and single, pointed.
Season: 57 days from planting to table.
Seed: Large wrinkled.
Remarks: An improved type of Laxtonian. A good market garden pea. Pods well filled.



McLean's Little Gem

MCLEAN'S LITTLE GEM

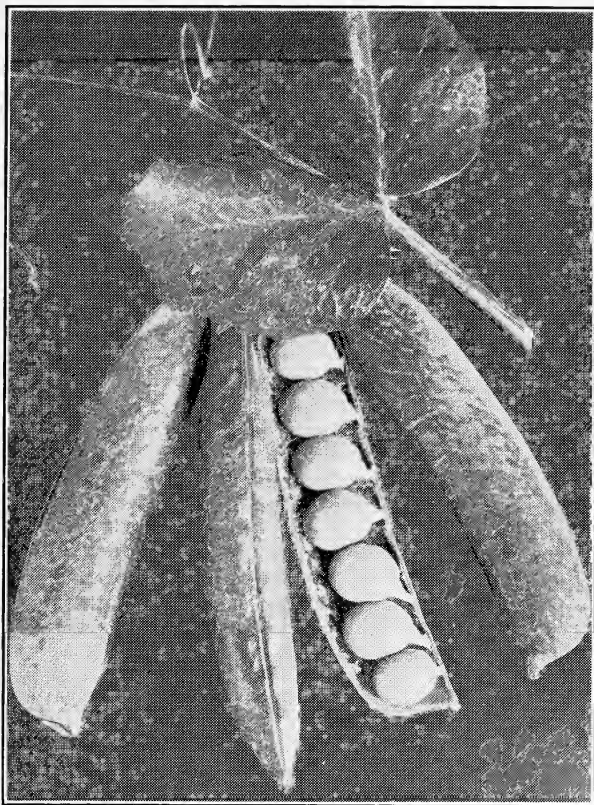
- Use:* Home gardens.
- Vine:* 15 in. Dark green, stocky.
- Pods:* 2½ in. Plump, light green, round, square.
- Season:* 56 days from planting to table.
- Seed:* Light green, small, almost square.
- Remarks:* Pods contain 6 to 8 peas of good quality. Very productive.



Little Marvel

LITTLE MARVEL

- Use:* For home and market gardening.
- Vine:* 14 in. Dark green.
- Pods:* 3 in. Nearly round, blunt ends, very dark green, single and double podded.
- Season:* 60 days from planting to table.
- Seed:* Small, wrinkled, seed almost square, light green.
- Remarks:* This is an excellent pea for the home garden. Pods larger than Nott's Excelsior. Peas quite sweet and fine flavor.



Sutton's Excelsior

SUTTON'S EXCELSIOR

- Use:* Home and market gardening.
- Vine:* 18 in. Dark green, stocky.
- Pods:* $3\frac{1}{4}$ in. Long, straight, round and square ended. Single.
- Season:* 63 days from planting to table.
- Seed:* Large, flat, light green, wrinkled.
- Remarks:* This variety is an improvement on Nott's Excelsior. Pods contain 7 to 8 peas of quality.



NOTT'S EXCELSIOR

- Use:* Home and market gardening.
Vine: 16 in. Dark, slender.
Pods: 3 in. Long, round, straight, blunt at end.
Single.
Season: 57 days from planting to table.
Seed: Almost square. Light green, wrinkled.
Remarks: Very productive. Pods contain six peas
to pod.

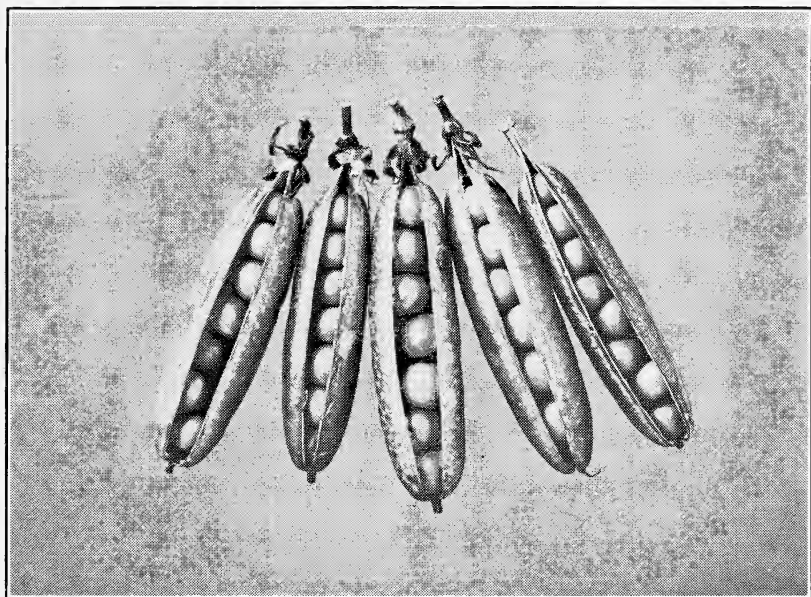


Examining Pea Trials



EARLY AND EXTRA EARLY VARIETIES OF PEAS

The following varieties are early but are not considered dwarf in growth of vine:

*Alaska*

ALASKA

- Use:* For canning — gardening.
- Vine:* 26 in. Vine and foliage light green. Slender.
- Pods:* 2½ in. Round, straight, square ends, single.
- Season:* 54 days from planting to table.
- Seed:* Medium round, green.
- Remarks:* A very early, smooth green pea. Most popular of the canning varieties. Used by gardeners for extra early sort.



AMEER (LARGE PODDED ALASKA)

- Use:* Home and market gardening.
Vine: 30 in. Dark, foliage medium green, slender.
Pods: 3 in. Pointed, curved, medium broad, dark green, single.
Season: 60 days from planting to table.
Seed: Round, green, larger than Alaska.
Remarks: Early variety largely used by market gardeners for an early planting.

FIRST AND BEST

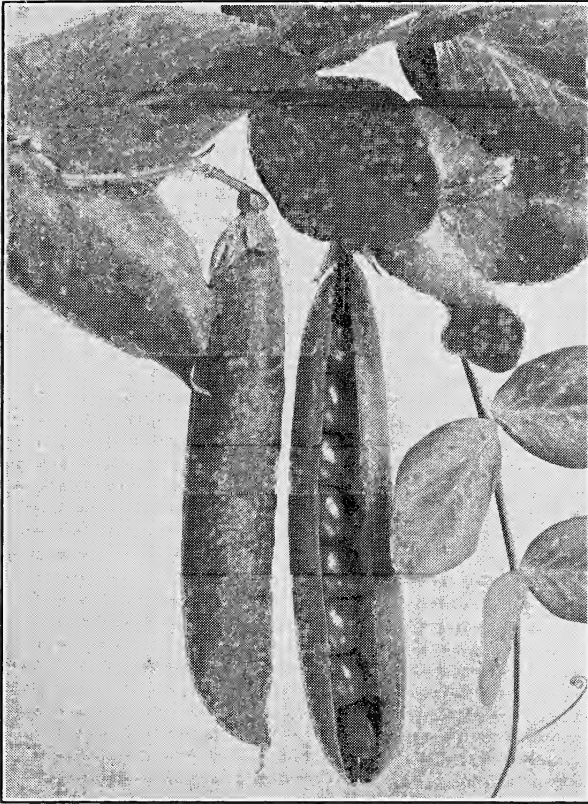
- Use:* Home and market gardening.
Vine: 16 in. Light, green, slender.
Pods: 2½ in. Plump, light green, single.
Season: 54 days from planting to table.
Seed: Round, yellow.
Remarks: An early pea and very prolific.

THOMAS LAXTON

- Use:* Home and market gardening.
Vine: 30 in. Moderately stout, dark green, foliage medium green.
Pods: 3¼ in. Dark, broad, straight, square ends.
Season: 60 days from planting to table.
Seed: Yellow and green, large seed, wrinkled.
Remarks: This is a good pea for the market gardener.

WORLD'S RECORD

- Use:* Home and market gardening.
Vine: 24 in. Vines fairly stout, medium green foliage.
Pods: 3½ in. Pointed, broad, single.
Season: 60 days from planting to table.
Seed: Yellow and with slight green tinge. Wrinkled.
Remarks: This variety is an improved Gradus type, and grows more even.



Gradus

GRADUS

- Use:* Home and market gardening.
- Vine:* 30 in. Light green, foliage medium green.
- Pods:* $3\frac{3}{4}$ in. Long, semi-round, straight, slightly curved at tip, and pointed.
- Season:* 56 days from planting to table.
- Seed:* Large, yellow tinged with green, wrinkled.
- Remarks:* This pea sometimes called Prosperity. Is moderately productive and of good quality.



MAIN CROP VARIETIES

Following are descriptions of main crop peas, a number of which are classed as tall vine varieties:

ALDERMAN

- Use:* Home and market gardening.
Vine: 40 in. Medium green foliage, vine stout.
Pods: 4½ in. Long, broad, straight, pointed, slightly curved at tip, dark green. Single.
Season: 72 days from planting to table.
Seed: Large, light colored. Wrinkled.
Remarks: This pea belongs to the Telephone type, with darker peas and pods. Pods contain nine peas of excellent quality.

EVERBEARING

- Use:* Home and market gardening.
Vine: 36 in. Vine stout and branching, foliage dark green.
Pods: 3½ in. Long, straight, blunt at end, light green. Doubles.
Season: 76 days from planting to table.
Seed: Flat, large, light green, wrinkled.
Remarks: This variety is an old type and still popular with the market gardener.

CANADA FIELD PEA

- Use:* Chiefly as a field pea for feeding purposes.
Vine: 46 in. Vine and foliage medium green.
Pods: 2 in. Long, blunt ended, light green.
Season: 94 days to maturity or ripe seed.
Seed: Small, round, yellowish-green in color.
Remarks: This pea is in demand in some sections of our country and used as a feed for stock.



CHAMPION OF ENGLAND

- Use:* Home gardening.
Vine: 48 in. Long, stout, medium, green foliage.
Pods: 3 in. Long, straight, nearly round, blunt ended, light green. Single.
Season: 78 days from planting to table.
Seed: Large, wrinkled, light green.
Remarks: This is a fine flavored pea and very popular with the home gardener.

DWARF CHAMPION

- Use:* Home gardening.
Vine: 30 in. Foliage stout, medium green.
Pods: 3¾ in. Long, broad, blunt ended, nearly round.
Season: 70 days from planting to table.
Seed: Flat, wrinkled, medium green.
Remarks: An extra good main crop pea. Late variety.

DWARF DEFIANCE (POTLATCH)

- Use:* Home and market gardening.
Vine: 24 in. Stout, heavy, dark green foliage.
Pods: 5 in. Long, very broad, slightly curved, pointed.
Season: 69 days from planting to table.
Seed: Large, wrinkled, dark green.
Remarks: This pea belongs to Stratagem type. A very productive variety.

DWARF TELEPHONE

- Use:* Home garden and marketing.
Vine: 20 in. Light green, stout, coarse, foliage dark green.
Pods: 4 in. Pointed, slightly curved, light green. Singles and doubles.
Season: 70 days from planting to table.
Seed: Large, light green, wrinkled.
Remarks: Peas are of fine quality. Pods contain eight to nine peas.



HORSFORDS

- Use:* For canning.
Vine: 26 in. Blunt, light green. Doubles.
Season: 76 days from planting to table.
Seed: Medium light green, wrinkled.
Remarks: This is a main crop canners pea and very productive. Pods are doubles and grow near top of vine.

MARROWFAT, LARGE WHITE

- Use:* Home garden, market garden and boiling pea.
Vine: 48 in. Light green, foliage medium green.
Pods: 3 in. Broad, blunt, light green.
Season: 72 days from planting to table.
Seed: Large, round, white.
Remarks: Used in restaurants for soups.

STRATAGEM IMPROVED

- Use:* Home and market gardening.
Vine: 20 in. Vines heavy and dark green.
Pods: 4 in. Long, broad, slightly curved, pointed, dark green. Singles and doubles.
Season: 76 days from planting to table.
Seed: Large, green, wrinkled.
Remarks: Pods contain eight to nine peas. A well known variety.

SUGAR, DWARF GRAY

- Use:* Home gardening.
Vine: 28 in. Dark green, foliage medium green.
Pods: 2½ in. Curved, pointed, light green. Doubles.
Season: 62 days from planting to table.
Seed: Round, gray.
Remarks: Purple blossoms. Grows similar to Tall Gray Sugar, but is earlier and shorter.



SUGAR, TALL GRAY

- Use:* Home gardening.
Vine: 42 in. Blossoms purple, medium heavy, medium green.
Pods: 2½ in. Long, light green, broad, blunt ends.
Season: 67 days from planting to table.
Seed: Round, gray, indented.
Remarks: Pods contain seven peas, quite late variety.

SUGAR, MAMMOTH LUSCIOUS

- Use:* Home and market gardening.
Vine: 48 in. Medium green, coarse.
Pods: 5 in. Long, broad, blunt ends, medium green.
Season: 65 days from planting to table.
Seed: Large, round, gray, indented.
Remarks: Belongs to class of edible-pods. Very productive.

SUGAR, MAMMOTH MELTING

- Use:* For home and market gardening.
Vine: 42 in. Vine stout, medium green.
Pods: 4 in. Large, broad, stringless, edible, slightly curved, blunt ended, medium green.
Season: 70 days from planting to table.
Seed: Round, large, white.
Remarks: This variety is the edible-pod class.

TELEPHONE

- Use:* Home and market gardening.
Vine: 40 in. Dark green, foliage medium green. Coarse.
Pods: 4¼ in. Long, slightly curved, pointed, broad, medium green.
Season: 70 days from planting to table.
Seed: Large, wrinkled, light green.
Remarks: A fine pea both for the market gardener or home garden. Pods contain eight large peas of excellent quality.



*Giant
Stringless
Green Pod*



*Black
Valentine*



*Burpee's
Stringless
Green Pod*



*Detroit
Wax*



*Pencil Pod
Black Wax*



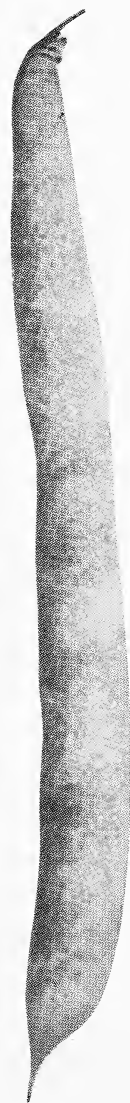
*Wardell's
Kidney Wax*



*Tennessee
Green Pod*



Longfellow



Bountiful



*Curries
Rust Proof*



DWARF BUSH BEANS — GREEN PODDED VARIETIES

A number of the beans here listed are important varieties used by the market gardener trade:

BLACK VALENTINES

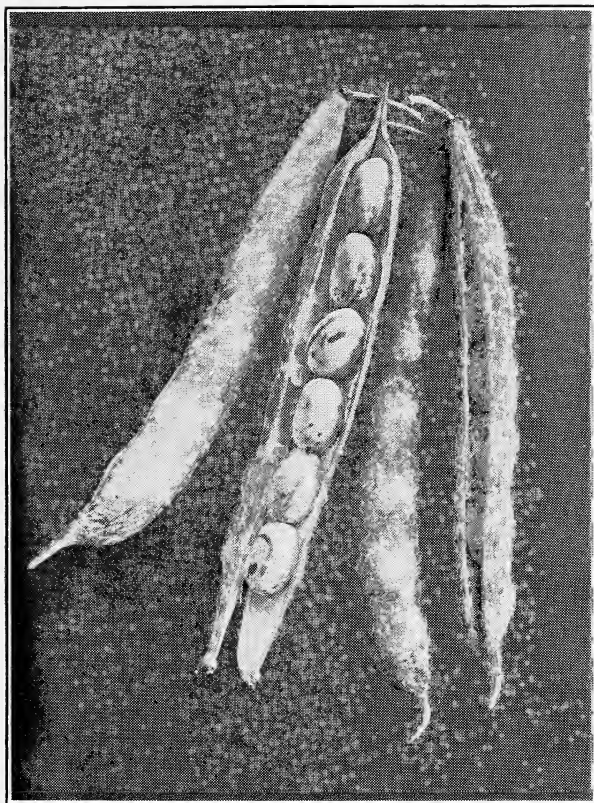
- Use:* For market gardening.
Vine: 13 in. Dark green.
Pods: 5½ in. Long, slender, dark green, nearly round, not stringless.
Season: 58 days from planting to table.
Seed: Black, small, oval.
Remarks: Early, productive, gardener's variety used a great deal in the South.

BOUNTIFUL

- Use:* For home and market gardening.
Vine: 15 in. Light green
Pods: 7 in. Long, flat, thick, slightly curved, stringless.
Season: 60 days from planting to table.
Seed: Yellow, kidney-shaped.
Remarks: Very early, hardy and productive.

BURPEE'S STRINGLESS

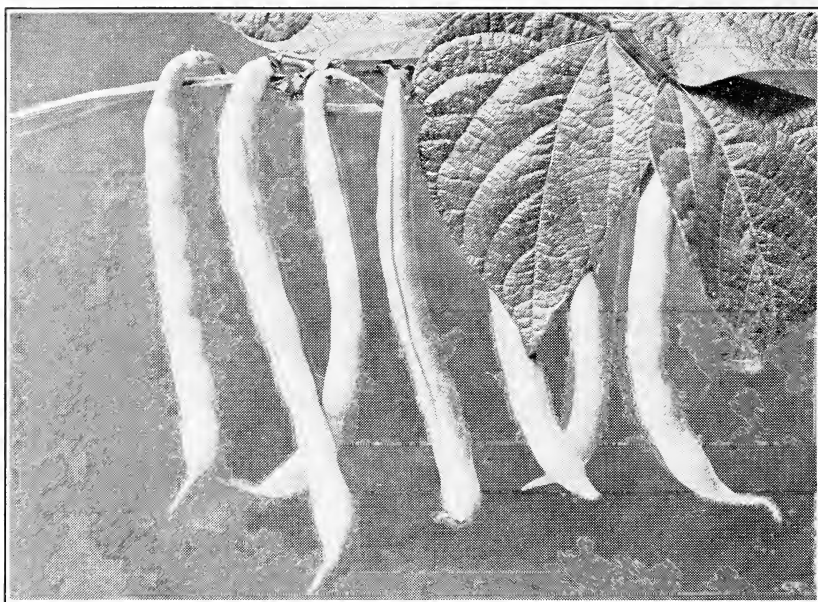
- Use:* For canning, home gardening and market gardening.
Vine: 15 in. Dark green, heavy.
Pods: 5 in. Long, thick, sound, dark green, slightly curved, stringless.
Season: 58 days from planting to table.
Seed: Dark brown.
Remarks: Brittle, tender and of fine quality.



Dwarf Horticultural

DWARF HORTICULTURAL

- Use:* For home gardening. Used for snap or shell.
- Vine:* 14 in. Medium green.
- Pods:* 5 in. Long, almost stringless.
- Season:* 60 days from planting to table.
- Seed:* Large, almost round, yellowish brown splashed with carmine.
- Remarks:* An old variety used chiefly in the New England states.



Full Measure

FULL MEASURE

- Use:* For home, market gardening and canning.
- Vine:* 15 in. Long, medium green, coarse.
- Pods:* 6 in. Long, round, very meaty, nearly straight, stringless. Medium green.
- Season:* 63 days from planting to table.
- Seed:* Mottled brown, kidney shaped.
- Remarks:* A fine early variety for market or home garden.

GIANT STRINGLESS

- Use:* For home, market gardening or canning.
- Vine:* 15 in. Medium green.
- Pods:* 6 in. Long, round, slightly curved, stringless, light green.
- Season:* 60 days from planting to table.
- Seed:* Yellowish brown.
- Remarks:* Quite similar to Burpee's Stringless with pods a little longer. An early variety of highest quality.



LONGFELLOW

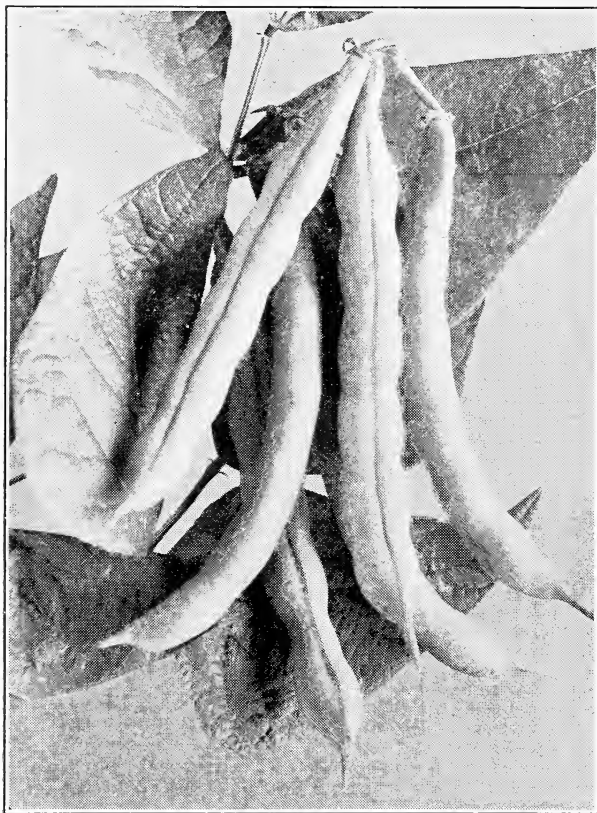
- Use:* For market gardening and canning.
Vine: 15 in. Dark green.
Pods: 6 in. Long, round, straight, dark green, not stringless.
Season:
Seed: Reddish mottled.
Remarks: Good quality, slightly stringy, tender and fine grained.

LOWS CHAMPION

- Use:* For home garden.
Vine: 14 in. Long, dark green.
Pods: 5 in. Flat, broad, light green, stringless.
Season: 58 days from planting to table.
Seed: Almost round, large, color of cranberry.
Remarks: A variety used in New England states for snap and shell beans.



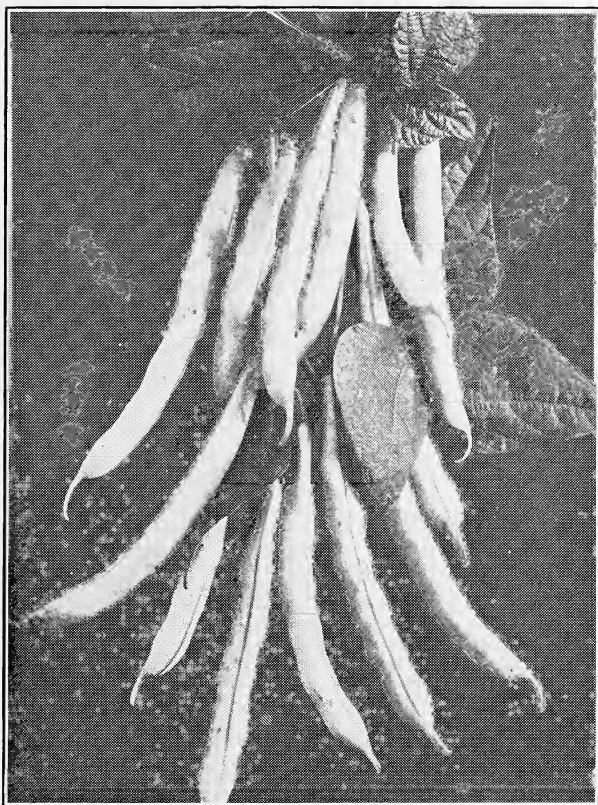
Harvesting Beans in Idaho



Red Valentine

RED VALENTINE

- Use:* For market gardening.
Vine: 15 in. Dark green.
Pods: 5 in. Long, round, medium green, straight, not stringless.
Season: 60 days from planting to table.
Seed: Mottled red, kidney shaped.
Remarks: A hardy, early and productive variety.



Late Refugee 1000 to 1

LATE REFUGEE OR 1000 TO 1

- Use:* For canning.
Vine: 15 in. Dark, stocky.
Pods: 5½ in. Slightly curved, round, light green, not stringless.
Season: 85 days from planting to table.
Seed: Purplish, mottled.
Remarks: A hardy, productive, late variety, almost stringless. Good quality.

TENNESSEE GREEN POD

- Use:* For home and market gardening.
- Vine:* 12 in. Long, dark, coarse.
- Pods:* 7 in. Long, broad, very flat, pods irregular in shape, dark green, not stringless.
- Season:* 60 days from planting to table.
- Seed:* Flat, light brown or chocolate color.
- Remarks:* A popular variety in the South. Sometimes known as Brown Bunch.

WHITE KIDNEY

- Use:* As shell bean.
- Vine:* 15 in. Dark green.
- Pods:* 6 in. Long, flat, straight, not stringless, light green.
- Season:* 70 days from planting to table.
- Seed:* White, kidney shaped.
- Remarks:* Sometimes grown as a field bean.

WHITE MARROW

- Use:* For baking.
- Vine:* 16 in. Light green, with runners.
- Pods:* 4½ in. Semi-round, slightly curved, not stringless, light green in color.
- Season:* 65 days from planting to table.
- Seed:* Round, large, white.
- Remarks:* Often grown as a field crop like Navy Beans.



DWARF BUSH BEANS — WAX PODDED VARIETIES

Wax podded varieties have always proved attractive to the trade. The rich color of the pods make an appeal to many.

CURRIE'S RUST PROOF BLACK WAX

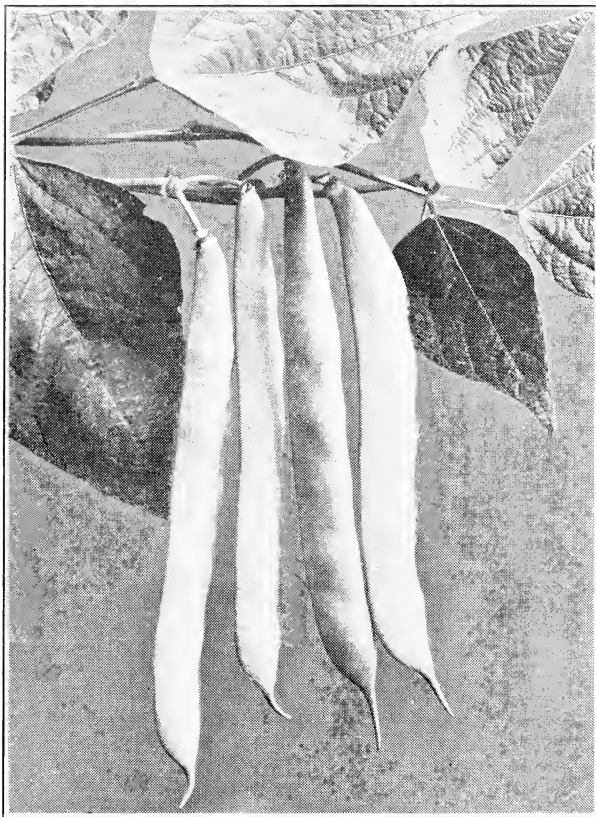
- Use:* For market gardening.
Vine: 13 in. Dark.
Pods: 5½ to 6 in. Flat to half round, straight.
Season: 60 days from planting to table.
Seed: Dark blue-black. Oblong.
Remarks: Has some fiber. Early and hardy.

DAVIS WHITE KIDNEY WAX

- Use:* For market gardening.
Vine: 15 inches. Dark, vigorous.
Pods: 6½ to 7 in. Flat, straight, very uniform.
 Strings, light yellow.
Season: 60 days from planting to table.
Seed: White, kidney shaped.
Remarks: Very productive, and attractive. Fair quality.

DETROIT GOLDEN WAX

- Use:* For market gardening.
Vine: 10 inches. Medium dark.
Pods: 4 inches. Flat, nearly stringless, greenish-yellow when young.
Season: 55 days from planting to table.
Seed: White and dark mottled.
Remarks: Productive. Good quality. Well liked for home garden.



Improved Golden Wax

IMPROVED GOLDEN WAX

- Use:* For home and market gardening.
Vine: 10 in. Light green.
Pods: 4 in. Flat, straight, stringless, yellow.
Season: 58 days from planting to table.
Seed: White, mottled with brown.
Remarks: One of the most popular of the wax varieties. Very early.



PROLIFIC BLACK WAX

- Use:* For home and market gardening.
Vine: 10 inches. Dark, vigorous.
Pods: 5 in. Round, stringless, dark yellow.
Season: 55 days from planting to table.
Seed: Black, plump, oblong.
Remarks: Very good and a standard sort.

HODSON WAX

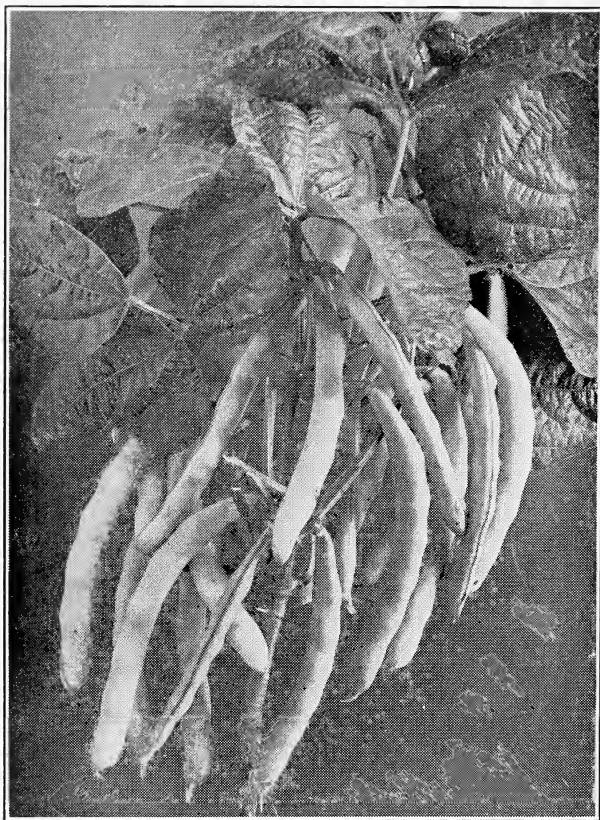
- Use:* For market gardening.
Vine: 16 in. Dark green, vigorous.
Pods: 6½ in. Long, fibrous, stringy, semi-round, slightly curved, yellow.
Season: 80 days from planting to table.
Seed: Red, mottled, kidney shaped.
Remarks: A good shipper. Productive and hardy.

PENCIL POD BLACK WAX

- Use:* For home and market gardening.
Vine: 15 in. Dark green, vigorous.
Pods: 6 in. Long, round, slightly curved, stringless, meaty. Deep yellow.
Season: 64 days from planting to table.
Seed: Black, kidney shaped.
Remarks: This is one of the first choice of wax varieties. Early and very productive.

REFUGEE WAX

- Use:* For canning.
Vine: 15 in. Medium green, small leaf.
Pods: 4½ in. Long, stringless, round, slender, slightly curved, pale yellow.
Season: 63 days from planting to table.
Seed: Mottled purple.
Remarks: A canner's variety. Productive, fleshy pods, excellent quality.



Round Pod Kidney Wax

ROUND POD KIDNEY WAX

Use: For home, market gardening and canning.

Vine: 15 in. Dark green.

Pods: 5½ in. Long, round, slightly curved, stringless, light yellow.

Season: 64 days from planting to table.

Seed: White with black eye, kidney shaped.

Remarks: An early variety of excellent quality.



SURE CROP BLACK WAX

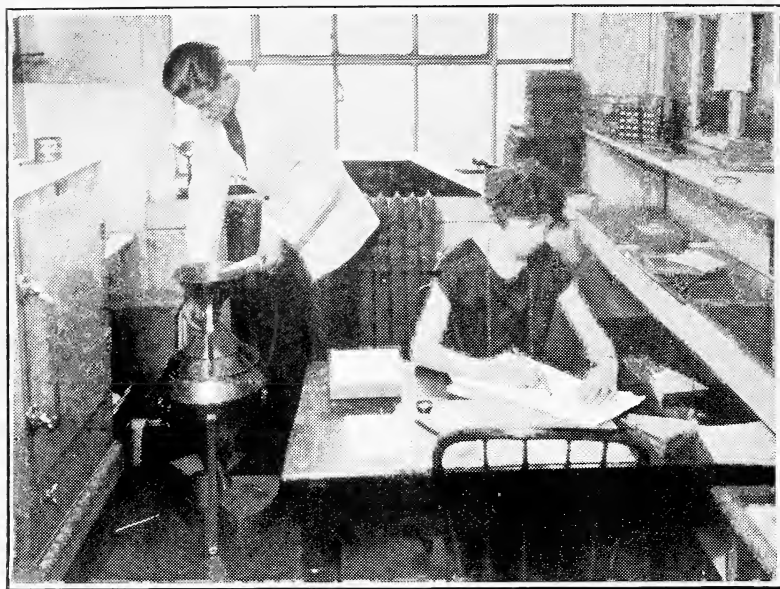
- Use:* For home and market gardening.
- Vine:* 15 in. Dark green, stocky.
- Pods:* 6 in. Long, flat, stringless, deep yellow, straight.
- Season:* 61 days from planting to table.
- Seed:* Black, kidney shaped.
- Remarks:* This variety is a hardy one being a selection from the Currie's Rust Proof Wax, but a little later.

WARDWELL'S KIDNEY WAX

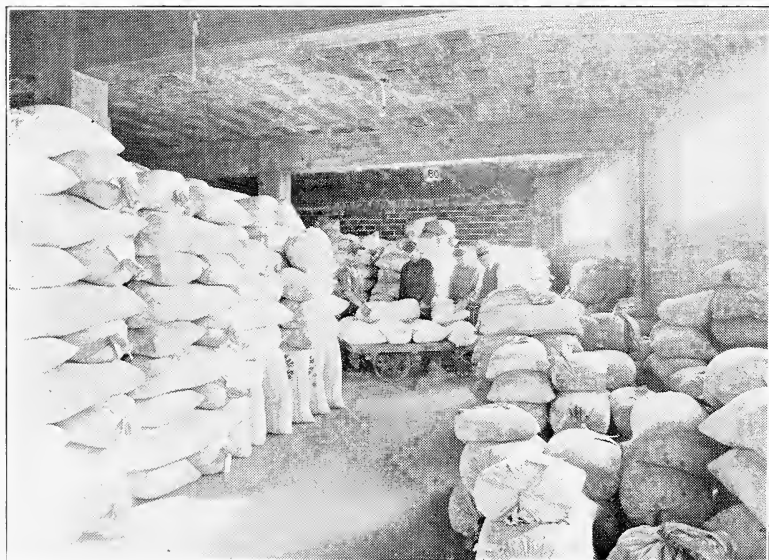
- Use:* For home, market gardening and canning.
- Vine:* 12 in. Light green.
- Pods:* 5½ in. Long, straight, flat, fleshy, brittle, deep yellow and nearly stringless.
- Season:* 60 days from planting to table.
- Seed:* White, kidney shaped with a brown mottled eye.
- Remarks:* An early gardener's variety of good quality.

WEBBER WAX

- Use:* For home, market gardening and canning.
- Vine:* 12 in. Long. Light green.
- Pods:* 6 in. Flat, straight, stringless, bright yellow.
- Season:* 58 days from planting to table.
- Seed:* Yellow, kidney shaped.
- Remarks:* This variety of about same season as Wardwell's Wax, but is more productive.



Seed Testing Laboratory



Shipping Seed Stocks to Growers



